

Exhibit B

Conservation and Open Space Element – Implementation Strategies – Public Works

Implementation Strategy	Status / Comments
<p>WR 1.1.1 Prepare Water Master Plan Prepare a region-wide Master Water Plan that will:</p> <ol style="list-style-type: none"> 1. Analyze supply and demand by evaluating the potential for new supplies; 2. Investigate whether drought contingency plans or other emergency supplies are available to water purveyors; 3. Evaluate a water demand and water efficiency monitoring program in coordination with the County Planning Department's Resource Management System to monitor municipal, industrial, agricultural, recreational, and environmental demand on an ongoing basis; 4. Develop a GIS application identifying major land uses and quantifying water demands based on acreage, land use, and consumptive use statistics; and 5. Identify any deficiencies and recommend projects, policies, and programs to address those deficiencies. 	<p>Completed as the Master Water Report in February 2012</p> <ol style="list-style-type: none"> 1. Evaluations can be found in Volume II, Chapters 4.8.12 – 14. 2. The goal of establishing drought contingency plans and emergency water supplies is identified in Volume II, Chapter 4.8.1. While a specific inventory of whether water purveyors have drought contingency plans and emergency water supplies was not included, discussions on agency water supplies, reliability and any cooperative agreements to address reliability are included in Volume I, Chapter 2.2, and Volume II, Chapter 4.2, 4.3, 4.5 and 4.6.6-8. 3. The recommendation to coordinate ongoing data collection and monitoring efforts with the RMS is included in Volume III, Chapter 5.1.3.3. 4. The GIS tools were developed, and are being utilized to update the Integrated Regional Water Management (IRWM) Plan. 5. Deficiencies and strategies to address the deficiencies are identified in Volume II, Chapters 4.7.3 and 4.8.
<p>WR 1.4.1 Reclaimed water: monitor technology Monitor, explore, and utilize new technologies that lower the cost of advanced tertiary treatment</p>	<p>A Regional Recycled Water Strategic Plan (RRWSP) is under development as a part of the IRWM Plan update which will provide the latest information regarding the implementation of recycled water projects, including treatment technology required. Since implementation of Recycled Water projects is an objective in the IRWM Plan, the information will need to be updated over time as District budget allows.</p>
<p>WR 1.4.2 Reclaimed water: identify funding sources Search for new funding sources for advanced tertiary treatment projects.</p>	<p>See above.</p>
<p>WR 1.4.3 Reclaimed water: identify partners Identify potential partners and sites for advanced tertiary treatment projects (i.e., agriculture, park fields, etc.) and initiate a long-term public education process for potable water reuse.</p>	<p>See above. Also, while a specific long-term education process is not established, IRWM Plan implementation efforts could accomplish this strategy's intent.</p>

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<p>WR 1.4.4 Reclaimed water: groundwater recharge Explore opportunities for groundwater recharge with reclaimed water. Opportunities include but are not limited to recharge through use of reclaimed water for irrigation, dust control, and fire suppression.</p>	<p>See above.</p>
<p>WR 1.5.1 Sponsor interagency collaboration Sponsor discussions between agencies to help facilitate more effective exchange of ideas, and to assess possible cooperative projects.</p>	<p>The Flood Control District is the lead agency for the Regional Water Management Group, which is the forum for implementing this strategy and the IRWM Plan.</p>
<p>WR 1.6.1 Evaluate ecosystem water needs As part of the Master Water Plan, evaluate ecosystem water needs and monitoring strategies to understand and provide for the environmental needs for water in each watershed.</p>	<p>Ecosystem water needs are evaluated in Volume II, Chapter 4.6.5. Recommendations for monitoring needs to improve ecosystem needs evaluations are discussed in Volume I, Chapter 1.3.5 and Volume II, Chapter 4.8.10. An instream-flow study is being conducted this year as a part of an IRWM Planning Grant.</p>
<p>WR 1.12.1 Water quality data collection Continue and expand programs to integrate a variety of available water quality data collection and collection and monitoring (including local, state, and federal sources) with land use programs, such as the Resource Management System.</p>	<p>The Master Water Report summarizes available data sources in Volume I, Chapter 3.2.5. With your Board's recent approval of a new position, Environmental Health will be converting historical records to a usable format. This information, along with water quality information collected by the Water Quality Lab and via other watershed and groundwater basin specific activities (e.g. Salt and Nutrient Management Plans) can be available for RMS purposes. The updated IRWM Plan will also have a section that will recommend data management and coordination strategies.</p>
<p>WR 2.1.1 Groundwater monitoring: secure funding Continue efforts to prioritize and secure funding for groundwater monitoring and management.</p>	<p>The Flood Control District has a list of priorities for dedicated groundwater monitoring wells and constructs them annually as funds allow. Six (6) have been constructed to date, and funding for additional wells is included in the FY 2013-14 Flood Control District budget. Partnering with other agencies on additional monitoring wells is also considered as requested. Grant opportunities are also pursued as they become available.</p>
<p>WR 2.1.2 Consider countywide groundwater ordinance Adopt a countywide groundwater ordinance to manage groundwater in areas of the county not currently under adjudication.</p>	<p>A countywide groundwater ordinance has not been considered. A Conservation Ordinance and an Urgency Ordinance have been adopted for the unincorporated area of the Paso Robles Groundwater Basin.</p>

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<p>WR 2.1.3 Prepare groundwater management plans Continue to develop groundwater management plans in conjunction with overlying users in the development of management plans. Provide periodic updates to the Board of Supervisors every five years or less.</p>	<p>The County and/or Flood Control District is participating in the management of three priority basins – Los Osos Valley, Santa Maria Valley and Paso Robles. Overlying users in other Basins have not approached the County and/or Flood Control District to develop a Groundwater Management Plan for their basin.</p>
<p>WR 2.2.1 Collaborate for groundwater data collection The County will cooperate with local entities and use local analysis and data to the maximum extent possible to collect and assess groundwater.</p>	<p>This is an ongoing effort as part of the Flood Control District's groundwater level monitoring program.</p>
<p>WR 2.2.3 Pursue data collection from all groundwater wells Secure right of access to all new key wells together with retaining voluntary access to existing wells having useful histories to ensure that the County's investment in these records is protected. Develop a data collection program by seeking permission from each of the well owners for County use with identification of the land owner protected from public or other uses and individual data shall remain confidential.</p>	<p>Per ordinance, all new wells in the coastal zone are considered for inclusion in the level measurement program or for specific monitoring requirements in support of the RMS. A similar county-wide ordinance has not been adopted. Targeted outreach to existing well owners was conducted for the Paso Robles Groundwater Basin. It is anticipated that additional monitoring locations will be identified via the Santa Maria Groundwater Basin Characterization Study currently underway.</p>
<p>WR 2.5.1 Evaluate groundwater banking Consider in-county opportunities for groundwater banking in the development of the Master Water Plan.</p>	<p>Groundwater banking opportunities are described in Volume II, Chapters 4.7.9 and 4.8.5.</p>
<p>WR 3.3.1 Prioritization and preparation of groundwater management plans Give highest priority to preparing and implementing groundwater management plans for basins with evidence of seawater intrusion or other water quality problems.</p>	<p>A GMP has been developed and adopted for the Paso Robles Groundwater Basin, and a GMP is under development for the Los Osos Valley Groundwater Basin. The stipulation for the Santa Maria Valley Groundwater Basin has requirements that satisfy certain elements of GMPs. The IRWM Plan will include a list of priorities for developing Salt and Nutrient Management Plans for groundwater basins, which is a relatively new State Water Board policy and may be more applicable for this implementation strategy. One of the criteria for prioritization will be the evidence of or potential for seawater intrusion or other water quality problems.</p>

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<p>WR 4.1.4 Expand public education programs for water conservation</p> <p>The County and all other water purveyors in the county will collaborate with local nonprofit and educational organizations and schools such as the Partners in Water Conservation to expand water conservation education programs countywide.</p>	<p>The appropriate Public Works staff person is assigned the task of Conservation Coordinator on July 1st every year, in accordance with Integrated Regional Water Management (IRWM) Program eligibility standards. The staff person participates with Partners in Water Conservation to ensure compliance with the State's water conservation education program standard, which is also associated with eligibility for the State's IRWM Program.</p>
<p>WR 4.4.1 Evaluate impact of self-regenerating water softeners</p> <p>Evaluate the potential impact of self-regenerating water softeners on the County's ability to effectively treat and use reclaimed water. Amend ordinances as needed.</p>	<p>A GMP has been developed and adopted for the Paso Robles Groundwater Basin, and a GMP is under development for the Los Osos Valley Groundwater Basin. The stipulation for the Santa Maria Valley Groundwater Basin has requirements that satisfy certain elements of GMPs. The IRWM Plan will include a list of priorities for developing Salt and Nutrient Management Plans for groundwater basins, which is a relatively new State Water Board policy and may be more applicable for this implementation strategy. One of the criteria for prioritization will be the evidence of or potential for seawater intrusion or other water quality problems.</p>
<p>WR 5.1.1 Support watershed management plans</p> <p>Support development and implementation of watershed management plans for all key watersheds in the county in collaboration with resource conservation districts, water purveyors, cities, and landowners. Watershed management plans should incorporate the information contained in the County's Source Water Assessments (SWAs) and Watershed Sanitary Surveys (WSSs), and should also include:</p> <ul style="list-style-type: none"> • Water quality monitoring data; • Activities and sources of contamination; • Watershed control and management practices; and • An evaluation of the system's ability to meet surface water treatment requirements and recommendations for corrective actions. 	<p>Via an IRWM Planning Grant, the RCDs are leading an effort to inventory the watersheds in the county, identify which have Watershed Management Plans (WMPs) and which don't, summarize the findings (i.e. recommended management or improved monitoring actions) of existing WMPs and identify data gaps that need to be filled in order to develop adequate WMPs and improve the communities' understanding of watershed functions. The effort includes developing an online GIS-based repository for watershed boundaries and information. The scope also includes developing a methodology for prioritizing the watersheds, and/or which data gaps to address first and/or future conservation projects.</p>

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WR 5.1.2 Secure funding for watershed management Seek and secure funding to manage water resources on a watershed basis.	The second phase of the RCDs' effort noted above is to apply the prioritization methodology to develop the prioritized list of actions for moving forward with developing and/or enhancing WMPs. Grant funding for the second phase will be pursued by the RCDs in 2014. Implementation of the identified actions would be the third phase, with funding to be determined.
WR 5.1.3 Promote the coordination of watershed protection efforts Promote the coordination of watershed protection efforts and open space and agricultural land preservation planning, consistent with Agriculture Element policies AGP 15 and 16.	The County and Flood Control District implement this strategy via participation in Partners for Water Quality program, implementation of Stormwater Permit requirements, and the IRWM program.